

Title (en)

Process and apparatus for the preparation of particles from foodstuff, in particular chocolate

Title (de)

Vorrichtung und Verfahren zum Herstellen von Partikeln aus einer Lebensmittel-Masse, insbesondere einer Schokoladenmasse

Title (fr)

Appareillage et procédé pour la preparation des particules des alimentaires, en particulier du chocolat

Publication

EP 1236403 A3 20050615 (DE)

Application

EP 02003359 A 20020213

Priority

DE 10107124 A 20010215

Abstract (en)

[origin: EP1236403A2] An assembly (1) converts a chocolate mass into particle (27b) form. The assembly has a heater (2) and melts the chocolate in a form with a droplet discharge jet (19a) located in the vicinity of a cooling unit (20). The cooling unit (20) has especially a movable cooled contact surface (20a). The cooled contact surface is a rotating roller with a scraper panel (28) which lifts solidified chocolate particles (27b) from the surface (20a). The jet is essentially vertically overhead the contact surface, from which it is separated by an adjustable distance (B). The cooling system employs a gaseous coolant. An Independent claim is also claimed for a process to make chocolate particles from a molten mass.

IPC 1-7

A23G 3/00; **A23G 3/02**; **A23G 1/00**; **A23G 1/04**

IPC 8 full level

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CPC (source: EP US)

A23G 1/047 (2013.01 - EP US); **A23G 7/02** (2013.01 - EP US); **A23P 10/20** (2016.08 - EP US)

Citation (search report)

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EP 1236403 A2 20020904; **EP 1236403 A3 20050615**; BG 106409 A 20030829; CA 2371834 A1 20020815; CN 1375211 A 20021023; CZ 2002567 A3 20021016; DE 10107124 A1 20020912; HK 1048921 A1 20030425; HR P20020132 A2 20021231; HU 0200568 D0 20020429; HU P0200568 A2 20020928; HU P0200568 A3 20041228; JP 2002262774 A 20020917; RU 2222202 C2 20040127; SK 2322002 A3 20020910; TR 200200437 A2 20020923; US 2002197387 A1 20021226; YU 10102 A 20040903

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